

DENALI NATIONAL PARK

PUBLIC USE COUNTING AND REPORTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Denali National Park. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

Recreation Visits

Winter Use (November thru March)

The number of visitors entering the park during winter months is recorded by the visitor center staff or rangers in the field. This is an actual count of visitors.

Peak Season (April thru October)

1. The number of visitors taking a Park Road tour bus. This include the NPS shuttle bus (Green Tour), NPS shuttle from Teklanika, Tundra Wildlife Tour, National History Tour, and Kantisha Tour.
2. The total of 1 above is multiplied by 0.25 to estimate the number of visitors who enter the park for recreation use but do not take a bus tour.
3. The number of visitors using Park Road that have road lottery permits.
4. The number of visitors using Park Road that have Kantishna Lodge calendar permits.
5. The number of visitors using Park Road that have handicap permits.
6. The number of mountain climbers. This is determined by the number of permits issued.
7. The number of visitors entering the park by aircraft for day use. This number is obtained from the air taxi operators.
8. The number of bicyclist at Savage Box.

Nonrecreation Visits

1. Inductive loop traffic counters are located across the north and south bound lanes of State Highway 3. The traffic count is reduced by the number of recreational vehicles (total tour visitors divided by the persons-per-vehicle multiplier of 2.5), and nonreportable

vehicles (park staff and concession employees). The reduced traffic count is multiplied by the persons-per-vehicle (PPV) multiplier of 3.0 for May through September and 2.0 for October through April.

2. If the traffic counters are inoperative, Table 2 is used to estimate the traffic on Highway
3. The estimated traffic count is multiplied by the nonrecreation PPV multiplier.

Table 1
Nonreportable Vehicles On Highway 3

| Month(s) | Nonreportable Vehicles |
|-------------------|------------------------|
| January, December | 1,333 |
| February | 1,204 |
| March, October | 4,216 |
| April | 4,080 |
| May, July, August | 12,400 |
| June, September | 12,000 |
| November | 1,290 |

Table 2
Estimated Traffic Counts North and South on Highway 3

| Month | Northbound | Southbound |
|-----------|------------|------------|
| January | 3,027 | 4,525 |
| February | 2,215 | 4,350 |
| March | 7,255 | 7,585 |
| April | 11,051 | 13,805 |
| May | 23,131 | 39,129 |
| June | 37,267 | 64,676 |
| July | 46,000 | 63,523 |
| August | 37,466 | 55,801 |
| September | 16,530 | 31,423 |
| October | 8,093 | 8,311 |
| November | 4,876 | 5,701 |
| December | 4,245 | 4,560 |

Recreation Visitor Hours

Recreation visitor hours are the sum of the subtotals of each of the activities listed in Table 3. Each subtotal is the result of multiplying the number of visitors associated with that activity by its length-of-stay multiplier. The length-of-stay multipliers are listed as hours.

Table 3
Recreation Visitor Hour Multiplier

| Visitors Use | Length of Stay Multiplier |
|---|-----------------------------|
| Total recreation visitors | 10 Hours per visit |
| Concession Lodge, Concession Campground, NPS Campground | 14 Hours per overnight stay |
| Backcountry campers | 24 Hours per overnight stay |

Visitors Use
Day use aircraft visitors
or
Talkeetna Day Use

Length of Stay Multiplier

12 Hours per visit

Nonrecreation Visitor Hours

The total nonrecreation visitors is multiplied by the nonrecreation visitor hour multiplier of 0.25 hour (15 minutes).

Overnight Stays

Concessioner Lodging - McKinley Park Station Hotel

The number of visitors staying overnight as reported by the concessioner.

Concessioner Campgrounds -

The number of visitors staying overnight as reported by the concessioner.

NPS Campgrounds - Riley Creek, Savage River, Wonder Lake, Morino River, Sanctuary River, Igloo Creek, and Teklanika River Campgrounds

The number of overnight stays by tent and RV campers.

NPS Backcountry - Miscellaneous Sites (Permits Only)

The number of overnight stays by backcountry campers.

NPS Miscellaneous - Savage Group Campground

The number of nights stayed by group campers.

Special Use Data

- Line a. Recreation visitors
- Line b. Visitors by railroad
- Line c. Nonrecreation visitors
- Line d. Visitors by aircraft
- Line e. Visitors taking park bus tours